Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 31 May 2023 until 23:59 on Thursday 01 Jun 2023

Forecast Issued on Tuesday 30 May 2023 at 16:12

Confidence: High for continued mostly fine weather this week. Moderate for the timing of morning cloud clearance.

Headline for Wednesday 31 May 2023: Extensive low cloud at first, but clearing to prolonged sunshine this afternoon.

Mountain weather hazards on Wednesday 31 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG					
Dull	Fog	Fog	Cloudy	Sunny intervals	Sunny	Sunny	Cloudy
Precipitation probability							
<05%	10%	10%	<05%	00%	00%	00%	10%

Forecast for Wednesday 31 May 2023

Weather: Low cloud overnight remaining extensive and lowering to cover many eastern hills and some central and western upslopes early morning. There is a very slight chance of patchy light drizzle on some slopes at first. Cloud lifting by late morning and clearing early afternoon to leave a fine, sunny and rather warm day. Widespread low cloud spreading in from the east again during the evening.

Chance of cloud-free hill tops above 600m: 20% in the east at first, 40% in the west, increasing 100% in all areas from late morning. Falling from the evening onward to 40% by midnight.

Low cloud and visibility: Extensive low cloud obscuring tops above 300m at first, especially in the east. Cloud lifting clear of all summits and dissipating around midday. Very good views of distant summits likely by the afternoon. Further low cloud, obscuring tops above 400m, spreading west by late evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 31 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 NE	20/26 NE	21/28 NE	21/28 NE	20/28 NE	18/25 NE	18/25 NE	18/26 E	17/24 E
300	12/17 NE	11/17 NE	13/19 NE	14/21 NE	15/22 E	13/20 NE	13/20 NE	10/18 E	9/15 E
Valley	8/18 E	8/17 E	9/19 E	11/21 E	12/22 E	11/20 E	10/20 E	8/17 E	7/16 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/0	5/0	7/2	9/5	11/8	10/7	7/3	5/1
300	8/5	7/4	8/4	9/6	12/9	14/12	13/11	10/7	7/5
Valley	9/7	8/6	9/7	12/9	15/12	16/14	15/13	11/9	9/7
Freezing Level*	2500m	2500m	2400m	2400m	2300m	2300m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high again on Wednesday once the cloud clears so adequate sun protection is required. Feeling rather warm in the afternoon sunshine, especially in valleys so bring plenty of water.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 30 May 2023	0mm	0mm	0mm

Forecast for Thursday 01 Jun 2023

Weather: Similar to Wednesday morning with extensive low cloud over eastern and some central and western upslopes early morning. This cloud lifting and clearing through the morning to leave a fine, rather warm and sunny afternoon. Widespread cloud spreading in from the east again during the evening, although perhaps not as low as on Wednesday evening.

Maximum wind: East or northeasterly 15-20mph, with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 30% in the east at first, 50% in the west, increasing 100% in all areas from late morning. Falling from the evening onward to 60% by midnight.

Low cloud and visibility: Extensive low cloud obscuring tops above 300m at first, especially in the east. Cloud lifting clear of all summits and largely dissipating around midday. Very good views of distant summits likely by the afternoon. Further low cloud, obscuring tops around 500-600m, spreading west by late evening.

Temperature: **Valleys:** Plus 9 Celsius rising to Plus 18 Celsius
At 600m: Plus 6 Celsius rising to Plus 13 Celsius
Freezing level: Above summits

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